

## WE CLAIM

1. A roof boundary connection comprising:
  - a. a wall having a top portion, said top portion having a top surface and an outer surface;
  - 5 b. a plurality of generally horizontal structural members surmounting and disposed generally perpendicular to said wall;
  - c. a first blocking member having a bottom side, an inner side, outer side, a first end and a second end, each of said first and second ends in substantially abutting relationship with one of said plurality of generally horizontal members;
  - 10 d. a first clip connecting said first blocking member to said top portion of said wall, said clip comprising:
    - i. a body having an attachment side and an opposing side, said body being divided into a base portion and a tab attachment portion joined to said base portion; and
    - 15 iii. a first indexing tab projecting from said attachment side; wherein:
      - e. said first indexing tab interfaces with one of said top portion of said wall and said first blocking member; and
      - f. a first plurality of fasteners attaches said clip to said top portion of said wall and a second plurality of fasteners attaches said clip to said first blocking
  - 20 member.
2. The roof boundary connection of claim 1 wherein:
  - a. said wall is a masonry wall.
- 25 3. The roof boundary connection of claim 1 wherein:
  - a. said top portion of said wall is a wood top plate.
4. The roof boundary connection of claim 1 wherein:
  - a. said attachment side of said base portion interfaces with said top portion of
  - 30 said wall;

- b. said attachment side of said tab attachment portion interfaces with said inner side of said first blocking member;
  - c. said first clip additionally comprises a second indexing tab projecting from said attachment side; and
  - 5 d. said second plurality of fasteners is a plurality of nail prongs extending from said attachment side of said tab attachment portion of said first clip, and said first and second indexing tabs extend further from said attachment side than said plurality of nail prongs.
- 10 5. The roof boundary connection of claim 1 wherein:
- a. said first and second plurality of fasteners are fasteners separate from said first clip.
6. A method of making the roof boundary connection of claim 1 wherein:
- 15 a. said attachment side of said base portion interfaces with said top portion of said wall;
- b. said attachment side of said tab attachment portion interfaces with said inner side of said first blocking member;
- c. said tab attachment portion of said first clip is placed against said inner side
- 20 of said first blocking member such that said first indexing tab interfaces with said bottom side of said first blocking member;
- d. said second plurality of fasteners is driven into said inner side of said first blocking member;
- e. said wall attachment portion of said first clip is placed against said top
- 25 portion of said wall;
- f. said first plurality of fasteners is driven into said top portion of said wall; and
- g. said first clip is bent along a line of juncture between said base portion and said tab attachment portion.
- 30 7. A method of making the roof boundary connection of claim 1 wherein:

- a. said tab attachment portion of said first clip is placed against said top portion of said wall such that said first indexing tab interfaces with said top surface of said wall;
- b. said first plurality of fasteners is driven into said top portion of said wall;
- 5 c. said base portion of said first clip is placed against said outer side of said first blocking member;
- d. said second plurality of fasteners is driven into said outer side of said first blocking member; and
- e. said first clip is bent along a line of juncture between said base portion and
- 10 said tab attachment portion.

8. The roof boundary connection of claim 1 wherein:

- a. said first plurality of fasteners is nails.

15 9. The roof boundary connection of claim 1 wherein:

- a. said first and second pluralities of fasteners are nails.

10. The roof boundary connection of claim 1 wherein:

- a. said first clip additionally comprises a second indexing tab projecting from
- 20 said attachment side.

11. The roof boundary connection of claim 10 wherein:

- a. said first clip additionally comprises a score opening between said first and second indexing tabs so that said score opening and said first and second
- 25 indexing tabs lie on a line that traverses said body, dividing said body into said base portion and said tab attachment portion.

12. The roof boundary connection of claim 1 wherein:

- a. said first clip additionally comprises reinforcing embossments in said base
- 30 portion and said tab attachment portion.

13. The roof boundary connection of claim 1 wherein:

- a. said first clip additionally comprises a plurality of fastener openings.

14. The roof boundary connection of claim 1 wherein:

- 5 a. said first clip additionally comprises first and second side edges that each have a plurality of projections that extend in the plane of said body.

15. The roof boundary connection of claim 14 wherein:

- a. said first clips additionally comprises a plurality of fastener openings, some of  
10 which are in said projections.

16. The roof boundary connection of claim 1 wherein:

- a. said wall is a masonry wall;
- b. said first blocking member is made of wood;
- 15 c. said first clip additionally comprises a second indexing tab projecting from said attachment side;
- d. said second plurality of fasteners is a plurality of nail prongs extending from said attachment side of said blocking attachment portion of said first clip, and said first and second indexing tabs extend further from said attachment side  
20 than said plurality of nail prongs;
- e. said first indexing tab interfaces with said bottom side of said first blocking member; and
- f. said first plurality of fasteners is masonry screws.

25 17. The roof boundary connection of claim 2 wherein:

- a. said first blocking member is made of wood;
- b. said second plurality of fasteners is a plurality of nails;
- c. said first indexing tab interfaces with said bottom side of said first blocking member; and
- 30 d. said first plurality of fasteners is masonry screws.

18. The roof boundary connection of claim 3 wherein:

- a. said first blocking member is made of wood;
- b. said second plurality of fasteners is a plurality of nail prongs extending from said attachment side of said blocking attachment portion of said first clip, and
- 5 said first and second indexing tabs extend further from said attachment side than said plurality of nail prongs;
- c. said first indexing tab interfaces with said bottom side of said first blocking member; and
- d. said first plurality of fasteners is nails.

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19. The roof boundary connection of claim 3 wherein:

- a. said top portion of said wall is a wood top plate;
- b. said first blocking member is made of wood;
- c. said second plurality of fasteners is a plurality of nails;
- 15 d. said first indexing tab interfaces with said bottom side of said first blocking member; and
- e. said first plurality of fasteners is nails.

20. The roof boundary connection of claim 1 wherein:

- 20 a. said generally horizontal members are roof trusses.